WATER SUPPLY OUTLOOK FOR UTAH

U. S. DEPARTMENT of AGRICULTURE ★ SOIL CONSERVATION SERVICE

Collaborating with

UTAH STATE DEPARTMENT OF NATURAL RESOURCES
-- DIVISION OF WATER RIGHTS

Data included in this report were obtained by the agencies named above in cooperation with Federal, State and private organizations listed inside the back cover of this report.

AS OF
MAY 1, 1978

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Most of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data affecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent at surveyed and marked locations in mountain areas. A total of about ten samples are taken at each location. The average of these are reported as snow depth and water equivalent. These measurements are repeated in the same location near the same dates each year.

Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Networks of automatic snow water equivalent and related data sensing devices, along with radio telemetry are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course and soil moisture measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. The report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs.

Snow survey and soil moisture data for the period of record are published by the Soil Conservation Service by states about every five years. Data for the current year is summarized in a West-wide basic data summary and published about October 1 of each year.

COVER PHOTO: SOME OF THE DATA IN THIS REPORT HAVE BEEN RECEIVED THROUGH THE SOIL CONSERVATION SERVICE'S NEW SNOTEL SYSTEM WHICH TRANSMITS INFORMATION VIA THE SPACE AGED METEOR BURST METHOD FROM DATA SITES TO MASTER STATIONS LIKE THESE.

PUBLISHED BY SOIL CONSERVATION SERVICE

The Soil Conservation Service publishes reports following the principal snow survey dates from January 1 through June 1 in cooperation with state water administrators, agricultural experiment stations and others. Copies of the reports for Western United States and all state reports may be obtained from Soil Conservation Service, West Technical Service Center, Room 510, 511 N.W. Broadway, Portland, Oregon 97209.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states:

STATE	ADDRESS
Alaska	Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504
Arizona	Room 3008, Federal Building, Phoenix, Arizona 85025
Colorado (N. Mex.)	P. O. Box 17107, Denver, Colorado 80217
Idaho	Room 345, 304 N. 8th. St., Boise, Idaho 83702
Montana	P.O. Box 98, Bozeman, Montana 59715
Nevada	P. O. Box 4850, Reno Nevada 89505
Oregon	1220 S.W. Third Ave., Portland, Oregon 97204
Utah	4012 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138
Washington	360 U.S. Court House, Spokane, Washington 99201
Wyoming	P. O. Box 2440, Casper, Wyoming 82602

PUBLISHED BY OTHER AGENCIES

Water Supply Outlook reports prepared by other agencies include a report for California by the Water Supply Forecast and Snow Surveys Unit, California Department of Water Resources, P.O. Box 388, Sacramento, California 95802 --- for British Columbia by the Ministry of the Environment, Water Investigations Branch, Parliament Buildings, Victoria, British Columbia V8V 1X5 --- for Yukon Territory by the Department of Indian and Northern Affairs, Northern Operations Branch, 200 Range Road, Whitehorse, Yukon Territory Y1A 3V1 --- and for Alberta, Saskatchewan, and N.W.T. by the Water Survey of Canada, Inland Waters Branch, 110-12 Avenue S.W., Calgary, Alberta T3C 1A6.

USDA-SCS-PORTLAND, OR 1977

WATER SUPPLY OUTLOOK FOR UTAH

and

FEDERAL - STATE - PRIVATE COOPERATIVE SNOW SURVEYS

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USDA-SCS-PORTLAND, OR. 1977, M7-L-22027B

PROSPECTIVE WATER SUPPLIES

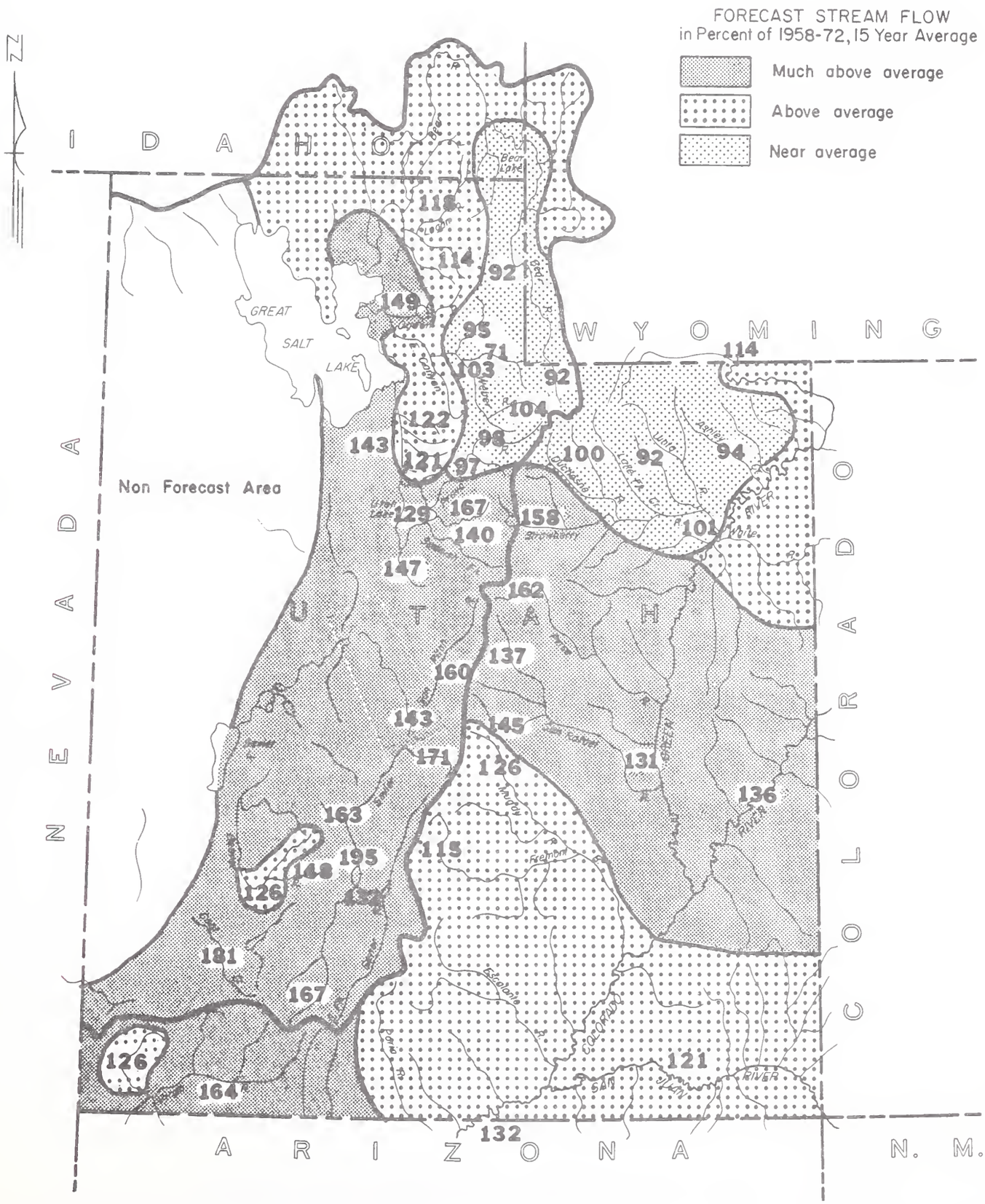
Based on Snow Surveys Made on UTAH and BEAR RIVER WATERSHEDS

May 1, 1978

Approximate Date

50 0 50 100

SCALE IN MILES



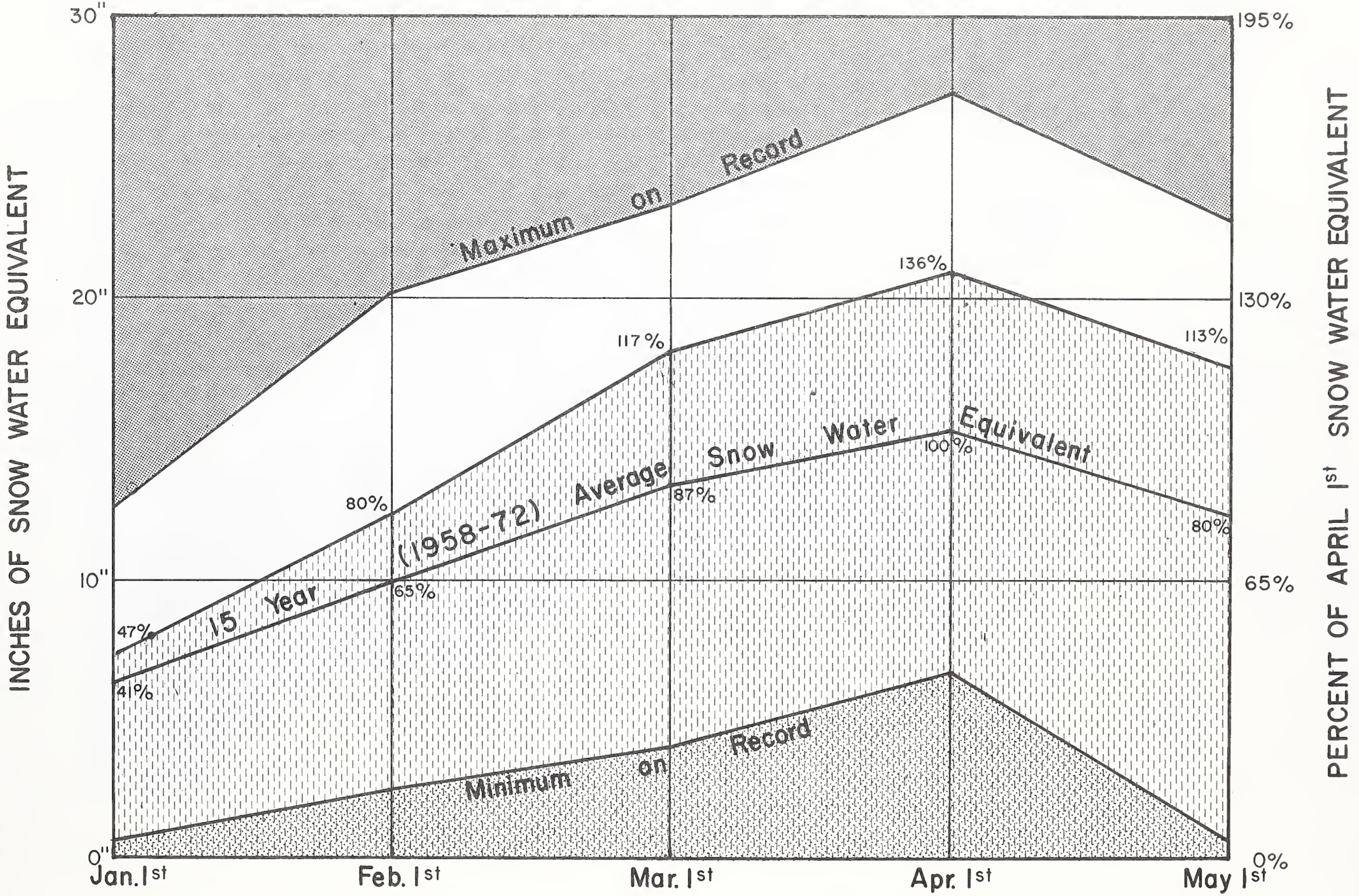
USDA-SCS-PORTLAND, OREG. 1970 M-2853

U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE

7-0-16150-L

UTAH'S WINTER SNOWPACK

Data based on 51 selected snow courses



WATER SUPPLY OUTLOOK

as of
May 1, 1978

Utah's 1978 water supply otulook ranges from a little below average for reservoir water users on the Sevier and Uintah basins to an average or better than average supply for the remainder of the state. Snow cover ranges 91% of average on Black's Fork to 271% on Virgin River. April precipitation varied from as low as one-third of average to two and one-half times average. Reservoir storage is now 101% of the May 1 average. Streamflow forecasts range from 71% of average on Chalk Creek to 281% on the Sevier at Circleville.

SNOW COVER

Snow water content held up very well at central and southern Utah snow courses. Measurements taken the last week of April show basin averages from 114% of average on Parowan Creek to 271% on the Virgin River. Coal Creek is 216% of average, the Upper Sevier and Beaver Rivers are 174%, and the Lower Sevier 147% of the May 1 average. Fremont River is 128% of average, the Blue Mountains above Monticello and Blanding 127%, and the LaSals 203%.

Strawberry River is 206% of average, Utah Lake tributaries as a whole are 157%, with American Fork about twice average and the Upper Provo near average. Uintah Mountains range from 91% on the north slope to 126% on the Uintah-Whiterocks drainage. Lakefork and Ashley Creeks are 95% and 97% respectively.

Salt Lake front watersheds are 126% of average, Weber River 119%, Tooele Valley and Logan River 123%, the Upper Bear 118%, and Lower Bear 122%. The Ogden River is still 150% of the May 1 average primarily due to a heavy accumulation on the North Fork.

PRECIPITATION

Mountain precipitation during April varied from 28% of average near Joe's Valley Reservoir to 253% at Little Grassy in the south-west corner of the state. Most other areas ranged from 60 to 150% of average with generally near average in the northern third of the state, to below average in the central section, to generally above average in the south-west corner.

SOIL MOISTURE

Soil moisture is still generally below average under the snowpack. Soils below the snow line are now near average with some valley soils reported too wet to farm.

USDA-SCS-PORTLAND, OR. 1977 M7-L-22027E

WATER SUPPLY OUTLOOK (continued)

RESERVOIR STORAGE

Storage in 24 of Utah's key irrigation reservoirs now totals 100% of the May 1 average. Good April flows have increased storage to 96% of last year at this time and 69% of useable capacity.

Most reservoirs are expected to fill except Sevier Bridge, Steinaker, Moon Lake, Strawberry, Bear Lake, Piute, Otter Creek and Minersville.

A few other reservoirs may not fill if water users call for storage water prior to peak snowmelt runoff.

STREAMFLOW FORECASTS

Streamflow forecasts continued to improve in southern Utah. Delayed snowmelt increased the forecasts for the May-July period as much as 58% on the Sevier Rvier at Circleville, which is now forecast 281% of average. The Sevier River is forecast 167% at Hatch, 281% at Circleville, 233% at Kingston, 195% below Piute Dam, and 143% at Gunnison. Clear Creek is forecast 163% and Salina Creek 171% of average. Virgin River is forecast 164% and Coal Creek 181% of average.

Beaver River is forecast 148% near Beaver and 126% for Minersville Reservoir Inflow.

Provo River is forecast 98% of average at Hailstone and 97% at Deer Creek Dam. American Fork is forecast 135%, Spanish Fork 140%, Hobble Creek 167%, Payson Creek 147% and total Utah Lake Inflow 129% of the May-July average.

Strawberry Inflow forecast is 158% of average, Strawberry at Duchesne 141%, Currant Creek 136%, Duchesne near Tabiona 90%, Rock Creek 100%, Lakefork 93%, Yellowstone 92%, Uintah 90%, Whiterocks 89%, and Ashley Creek 94%.

Weber River is forecast 104% at Oakley, 106% at Rockport Reservoir, 103% at Coalville, Chalk Creek 71%, East Canyon 129%, Hardscrabble 128%, and Lost Creek 95% of average.

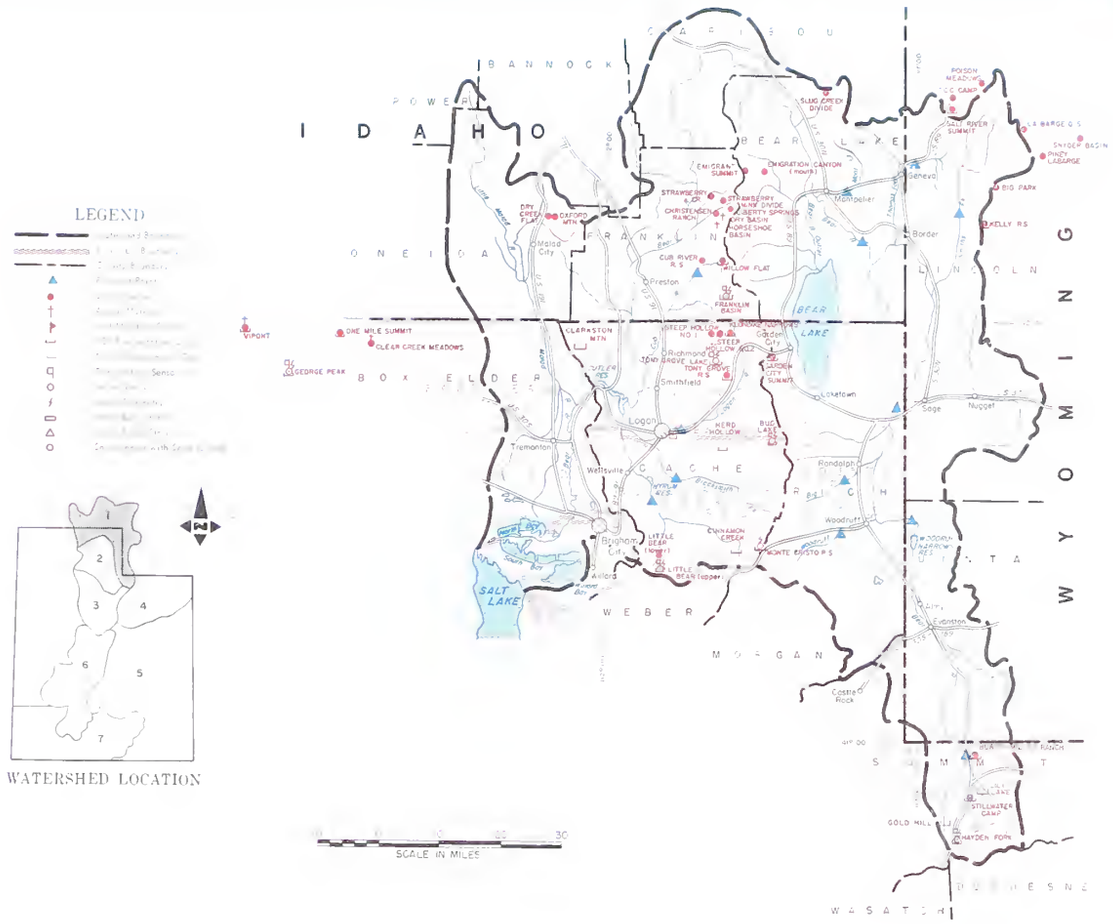
South Fork Ogden is forecast 120% of average and Pineview Inflow 149% of the May-June average.

Bear River forecasts range from 91% on Little Bear to 131% on Thomas Fork. The Bear at Utah-Wyoming Line is forecast 92%, at Randolph 97%, and at Harer 105%. Big Creek is forecast 97%, Woodruff Creek 95%, Smith's Fork 129%, Cub River 108%, Logan River 118%, and Blacksmith's Fork 114% of average.

All water users are expected to have near average to above average water supplies with the possible exception of those depending on reservoir storage alone for those reservoirs that may not have a full supply this season.

WATER SUPPLY OUTLOOK
BEAR RIVER BASIN in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1978

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 118% of the May 1 average on the Upper Bear to 123% on Logan River. Lower Bear is 122% of average.

PRECIPITATION at mountain stations varied from 81% of the April average at Monte Cristo R.S. to 125% at Willow Flat.

SOIL MOISTURE is still below average at higher elevations.

RESERVOIR STORAGE is 82% of average in Bear Lake, but near or above average in other smaller reservoirs.

STREAMFLOW FORECASTS range from 91% of average on Little Bear to 131% on Thomas Fork. Bear River forecasts range from 92% at the Utah-Wyoming State Line to 105% at Harer, Idaho. Logan River is forecast 118%, Blacksmith Fork 114%, Cub River 108%, Big Creek 97%, and Woodruff Creek 95%. Adequate water supplies are expected in this area.

M7-OL-22027-1

BEAR RIVER BASIN in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average †
BEAR RIVER					
Bear nr UT-Wyo. State Line	97	92	May-July	35	106
Bear nr Woodruff	100	92	May-July	28	109
Woodruff Crk nr Woodruff, UT	12.5	95	May-July	26	13.1b
Big Creek nr Randolph, Utah	3.3	97	May-July	- -	3.4b
Bear nr Randolph	70	93	May-July	2.3	75
Thomas Fork nr UT-Wy State Ln	42	131	Apr-Sept	3.8	32
Smith's Fork nr Border, Wyo.	150	129	Apr-Sept	26.8	116
Bear at Harer, Idaho 1	250	105	May-Sept	27	237
Logan nr Logan	116	118	May-July	26.5	98
Blacksmith Fork nr Hyrum	40	114	May-July	12	35
Little Bear nr Paradise	20	91	May-June	3.4	22
Cub River nr Preston, ID	50	108	May-Sept	- -	46

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
b - Average of all past record + less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
BEAR RIVER	23	1048	120
UPPER BEAR RIVER	10	1357	118
LOWER BEAR RIVER	13	908	122
LOGAN RIVER	4	1102	123

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
BEAR RIVER	Bear Lake	1421.0	847.8	1050.0	1040.0
	Woodruff Narrows	26.5	26.5	8.6	26.3
LITTLE BEAR	Hyrum	15.3	10.9	14.9	14.2
	Porcupine	11.3	11.4	5.0	9.8

+ - 1958-72 15 Year Average Period
e - estimated

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average †
Big Creek nr Randolph	45 - 80	41b
Logan River nr Logan	90 - 1450	984
Woodruff Creek nr Woodruff	200 - 350	240
Little Bear nr Paradise	400 - 500	473

(a) - Maximum mean daily peak flow

USDA-SCS-PORTLAND, OREGON-1972 M7-N-22027X

† 1958-1972 period

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WATER SUPPLY OUTLOOK

WEBER-OGDEN WATERSHEDS in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS

MAY 1, 1978

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 150% of the May 1 average on the Ogden River to 119% Weber. The heaviest snow cover is on the North Fork of the Ogden River.

PRECIPITATION at mountain stations ranged from 92% of the April average at Dry Bread Pond to 155% at Parley's Summit.

SOIL MOISTURE is improving as snowmelt begins, but is still below average at higher elevations under the snow.

RESERVOIR STORAGE is above the May 1 average after storms and melt produced good inflow and delayed use. All reservoirs are now expected to fill.

STREAMFLOW FORECASTS range from 71% of the May-June average on Chalk Creek to 149% for Pineview Inflow. The South Fork Ogden is forecast 120% of the May-June average. The North Fork Ogden is expected to produce a heavy portion of Pineview Inflow this season. Weber River is forecast 104% of average at Oakley, 106% at Rockport, and 103% at Coalville. East Canyon is forecast 129% of average, Hardscrabble Creek 128%, and Lost Creek 95% of the May-June average. Farmington Creek is forecast 129% of average. All water users are expected to have adequate water supplies this season.

M7-OL-22027-2

WEBER-OGDEN WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 3	PAST RECORD THOUSAND ACRE FEET Average +
WEBER-OGDEN RIVERS					
Weber nr Oakley	95	104	May-June	27	91
Rockport Reservoir Inflow[1]	93	106	May-June	- -	88
Chalk Creek at Coalville	18.5	71	May-June	2.6	26
Weber nr Coalville	97	103	May-June	- -	94
Lost Creek nr Croydon, Utah[1]	8.9	95	May-June	1.5	9.4
East Canyon Creek nr Morgan[1]	17.2	129	May-June	10.4	13.3
Hardscrabble Crk nr Porterville	14.5	128	May-June	- -	11.2
South Fork Ogden nr Huntsville	42	120	May-June	5.8	35
Pineview Reservoir Inflow[2]	95	149	May-June	10	64
JORDAN RIVER & SALT LAKE					
Farmington Crk nr Farmington	8.4	129	May-July	- -	6.5

1 - Observed flow corrected for change in storage and diversions
2 - Inflow record as computed by U.S. Bureau of Reclamation
3 - Provisional flows - Subject to Correction
b - Average of all past record - less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
OGDEN RIVER	6	- -	150
WEBER RIVER	11	670	119

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
OGDEN	Causey	6.9	4.7	4.6	2.5
	Pineview	110.1	94.4	59.3	67.8
WEBER	East Canyon	48.1	41.3	34.8	25.6
	Echo	73.9	64.5	52.6	53.9
	Lost Creek	20.0	16.7	13.9	11.3
	Rockport	60.9	49.8	33.5	30.5
	Willard Bay	193.3	183.9	149.0	161.7

+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Lost Creek nr Croydon	150 - 250	206b
South Fork Ogden nr Huntsville	650 - 900	697
Chalk Creek nr Coalville	300 - 700	373

(a) - Maximum mean daily peak flow

USDA SCS PORTLAND, OREGON 1974 M7-N-22027X

+ 1958-1972 period

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WATER SUPPLY OUTLOOK
UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

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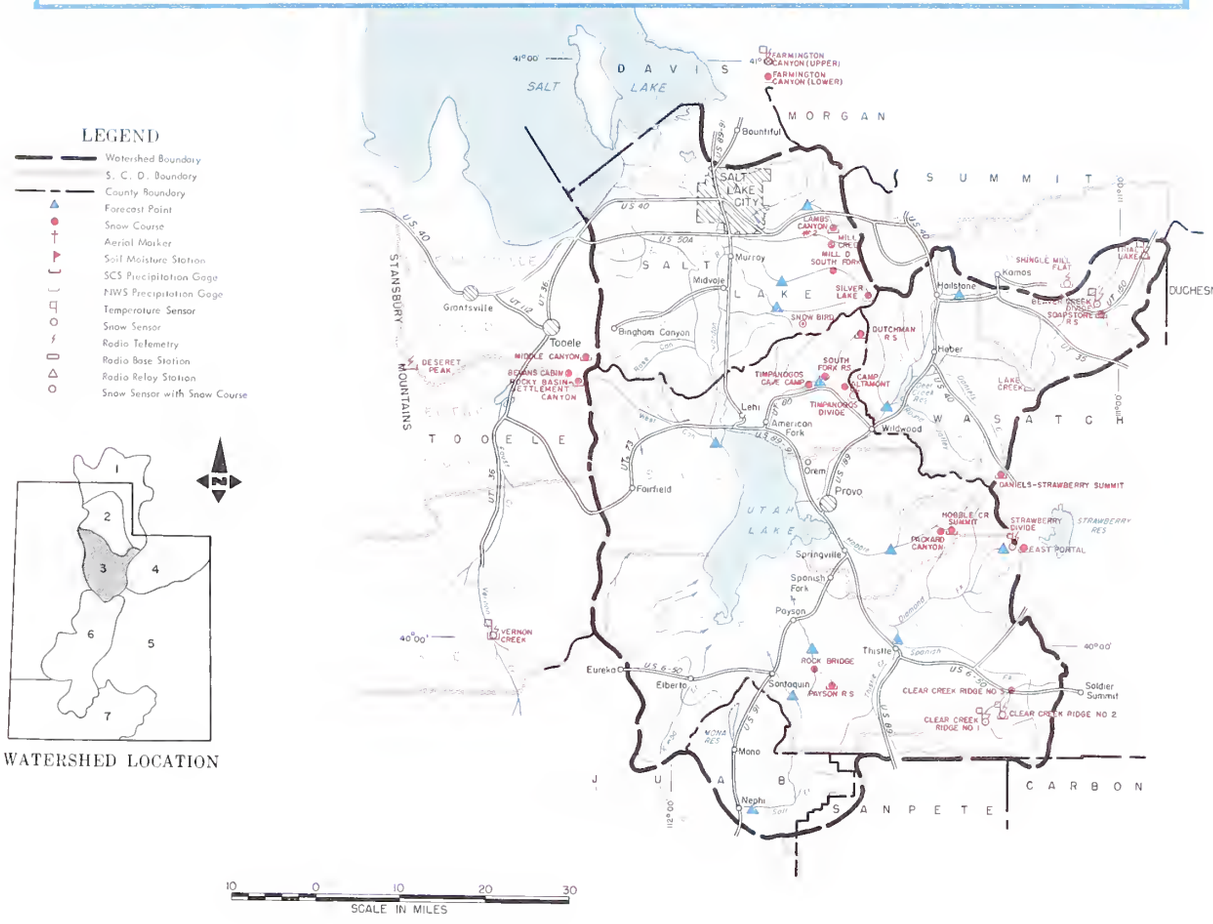
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1978

THE WATER SUPPLY OUTLOOK IS NEAR AVERAGE

SNOW COVER ranges from 123% of the May 1 average on Tooele Valley watersheds to 157% on Utah Lake watersheds. American Fork watershed is over 200% of average. The Upper Provo ranges from 118% at Trial Lake to 72% at Soapstone. Watersheds above Salt Lake City are now 126% of the May 1 average.

PRECIPITATION at mountain stations ranged from 46% of the April average at Payson Ranger Station to 187% at Mountain Dell Dam in Parleys Creek.

SOIL MOISTURE is still below average at higher elevations, but has improved as snow melted at medium and lower elevations. Valley soils are generally too wet to plant in many areas.

RESERVOIR STORAGE is above average for May 1. All reservoirs are expected to fill except Strawberry and possibly Deer Creek if heavy use begins prior to peak flow in Provo River.

STREAMFLOW FORECASTS range from 97% of the May-July average for the Provo below Deer Creek Dam to 200% of average for Vernon Creek. Strawberry Inflow is forecast 158% of average and Hobble Creek 167%. Spanish Fork is forecast 140%, Payson Creek 147%, American Fork 135%, and Utah Lake Inflow 129%. Streams along the Salt Lake front are expected to be 121-122% of the May-July average and Settlement Creek above Tooele is forecast 143% of its May-July average.

M7-OL-22027-3

UTAH LAKE, JORDAN RIVER and TOOELE VALLEY WATERSHEDS in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average †
PROVO RIVER AND UTAH LAKE					
Provo nr Hailstone[1]	88	98	May-July	24.8	90
Provo below Deer Creek Dam[1]	85	97	May-July	44.2	88
American Fork nr American Fork	35	135	May-July	6.2	26
Hobble Creek nr Springville[1]	20	167	May-July	- -	12
Strawberry Reservoir Inflow[1]	57	158	May-July	1.7	36
Spanish Fork at Thistle	35	140	May-July	- -	25
Payson Creek nr Payson	7.5	147	May-July	- -	5.1b
Utah Lake Inflow	185	129	May-July	- -	143
JORDAN RIVER & SALT LAKE					
Little Cottonwood Crk nr SLC	41	121	May-July	17.2	34
Big Cottonwood nr SLC	39	122	May-July	15.2	32
Parley's Creek nr SLC	11.5	122	May-July	2.7	9.4
TOOELE VALLEY					
Vernon Creek nr Vernon	1.0	200	May-July	0.3	0.5b
Settlement Crk nr Tooele	3.0	143	May-July	- -	2.1b

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction
a - Partly estimated
b - Less than 15 years

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEAR)

RIVER BASIN and/or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average †
PROVO RIVER & UTAH LAKE	13	318	157
JORDAN RIVER & SALT LAKE	6	- -	126
TOOELE VALLEY	4	689	123

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SPANISH FORK	Strawberry	270.0	164.3	211.1	129.3
UTAH LAKE	Utah Lake	883.9	792.9	777.3	667.7
SETTLEMENT CREEK	Settlement Creek	1.2	0.8	- -	- -
	Vernon Creek	0.6	0.6	- -	- -
PROVO	Deer Creek	149.7	119.4	99.7	103.5

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET)(a) Forecast Range	PEAK FLOW (SECOND FEET)(a) Average †
Hobble Creek nr Springville	250 - 500	210
Spanish Fork nr Thistle	350 - 700	365
Big Cottonwood nr Salt Lake City	450 - 625	310

(a) - Maximum mean daily peak flow

† - 1958-1972 period

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WATER SUPPLY OUTLOOK

UINTAH BASIN and DAGGETT SCD's in UTAH

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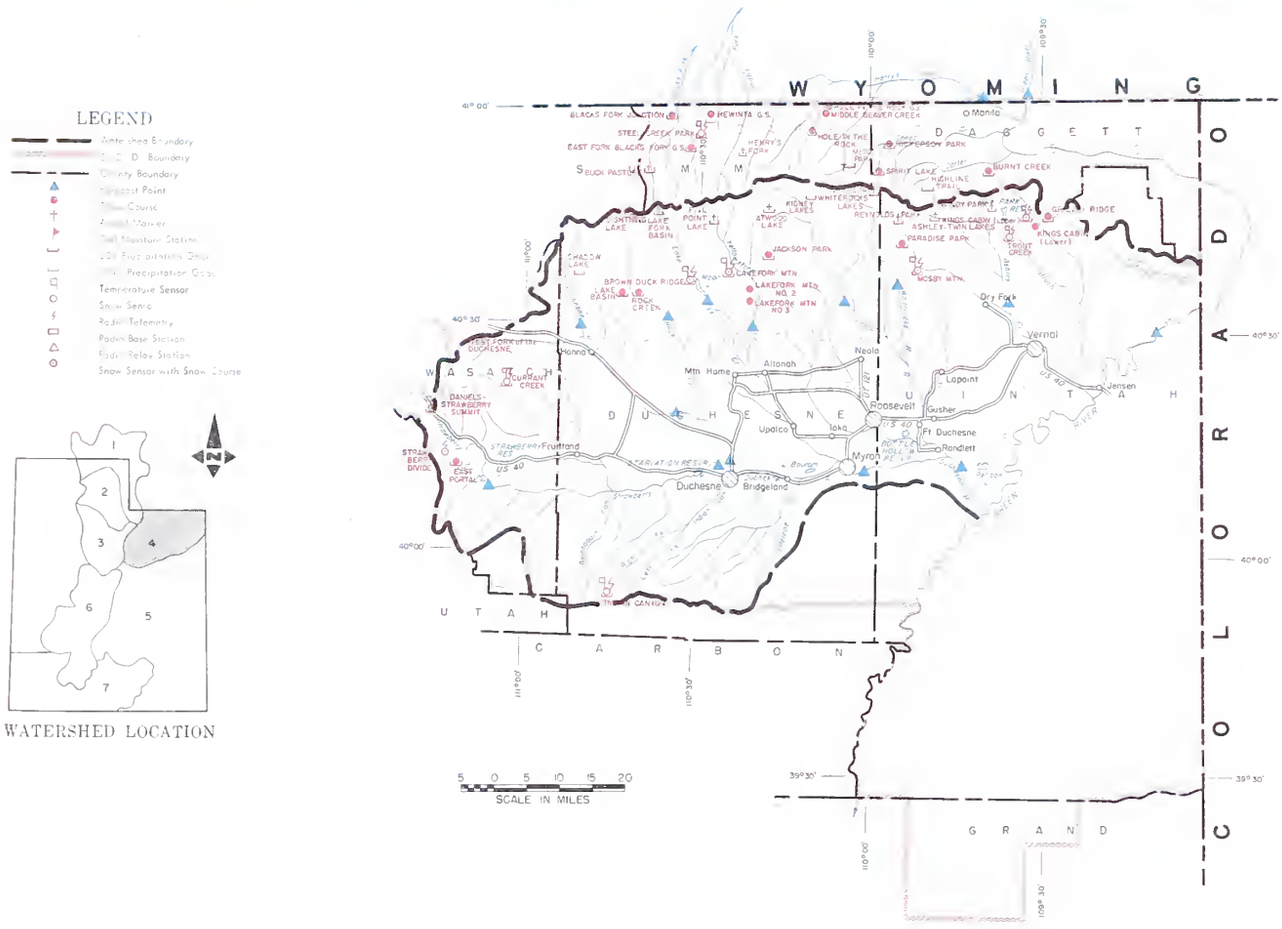

MAY 1, 1978

THE WATER SUPPLY OUTLOOK IS BELOW AVERAGE

SNOW COVER ranges from 91% of the May 1 average on Blacks Fork watershed to 206% on Strawberry River. Lakefork-Yellowstone watersheds are 95%, Ashley Creek 97%, and Uintah-Whiterocks 126%. High Uinta aerial markers were flown cooperatively with Wildlife Resources and showed from 36 inches depth at Windy Park to 74 inches at Lakefork Basin.

PRECIPITATION at mountain stations varied from 65% of the April average at Hickerson Park to 137% at East Portal.

SOIL MOISTURE is still below average.

RESERVOIR STORAGE is below average in Steinaker and Moon Lake.

STREAMFLOW FORECASTS range from 89% of the May-July average for Whiterocks River to 141% for the Strawberry at Duchesne. Ashley Creek is forecast 94%, Henrys Fork 89%, Blacks Fork 90%, Uintah 90%, Yellowstone 92%, Lakefork 93%, Rock Creek 100%, Duchesne near Tabiona 90%, and Currant Creek 136% of the May-July average. Water users in this area may have a reduced supply in late season this year.

USDA-SCS-PORTLAND OR. 1977 M7-OL-22027-4

UINTAH BASIN and DAGGETT SCD's in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average †
DUCHESNE RIVER					
Duchesne nr Tabiona [1]	85	90	May-July	16	94
Duchesne at Duchesne [1]	148	90	May-July	43	164
Strawberry at Duchesne	65	141	May-July	6.7	46
Rock Creek nr Mtn. Home	90	100	May-July	31	90
Currant Creek nr Fruitland	21.4	136	May-July	- -	15.7
Lakefork below Moon Lake [1]	63	93	May-July	- -	68
Yellowstone nr Altonah	56	92	May-July	26.6	61
Duchesne at Myton [1]	210	108	May-July	6.9	194
Whiterocks nr Whiterock	50	89	May-July	22.1	56
Uintah nr Neola	76	90	May-July	65.7	84
Duchesne at Randlett [1]	220	101	May-July	10.6	218
FLAMING GORGE TO DUCHESNE RIVER					
Henry's Fork at Manila	40	89	Apr-Sept	3.6	45
Black's Fork at Millburne	80	90	May-July	43	89
Flaming Gorge Inflow [1]	1342	114	Apr-July	233.0	1174
Ashley Creek nr Vernal	45	94	May-July	14.2	48

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
DUCHESNE RIVER - TOTAL	8	- -	135
LAKEFORK-YELLOWSTONE CREEKS	2	- -	95
STRAWBERRY RIVER	2	- -	206
UINTAH - WHITEROCKS RIVERS	2	- -	126
ASHLEY CREEK	2	- -	97
BLACK'S FORK	4	277	91

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
ASHLEY CREEK	Steinaker	33.3	10.2	18.1	26.2
GREEN RIVER	Flaming Gorge	3749.0	2065.0	2638.0	1629.0
LAKE FORK	Moon Lake	35.8	14.2	10.8	19.0
STRAWBERRY	Starvation	165.3	127.0	165.0	- -
UINTAH	Bottle Hollow	11.3	10.1	10.8	- -

+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average †
Strawberry at Duchesne	850 - 1550	628
Ashley Creek nr Vernal	600 - 1300	906

(a) - Maximum mean daily peak flow

† - 1958-1972 period

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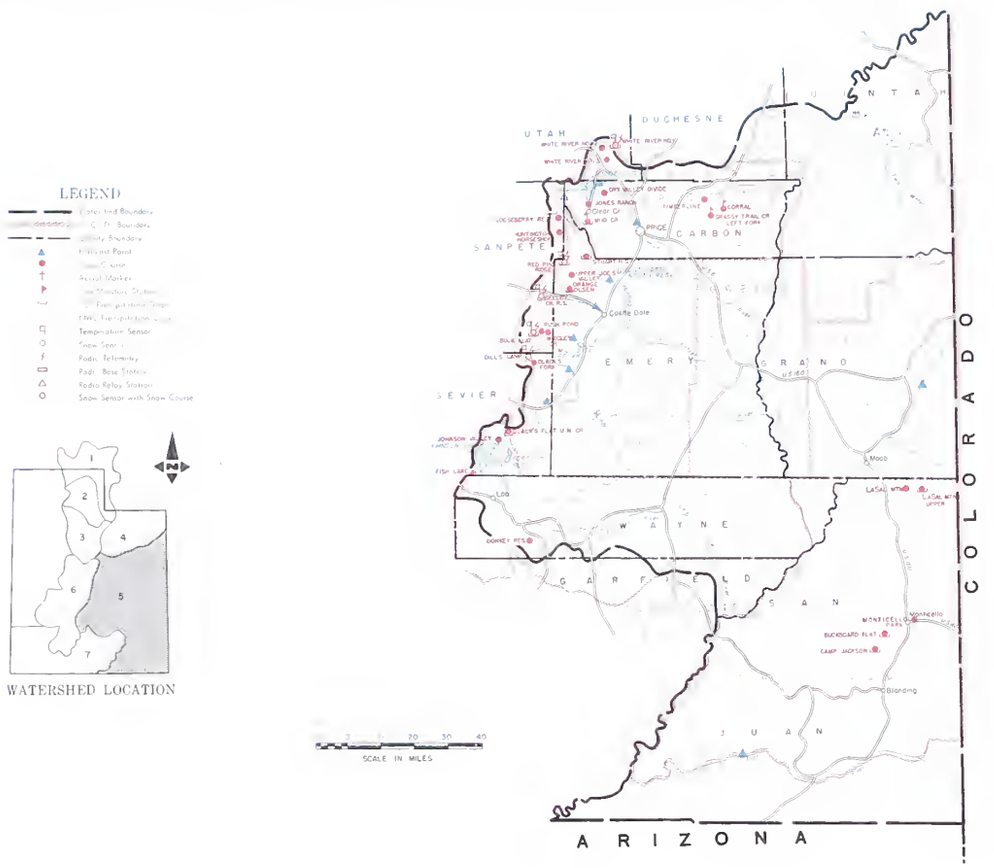
WATER SUPPLY OUTLOOK
CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES - DIVISION OF WATER RIGHTS



MAY 1, 1978

THE WATER SUPPLY IS NEAR AVERAGE

SNOW COVER ranges from 127% of the May 1 average on the Blue Mountains above Monticello, to 203% on the LaSals above Moab. The Fremont River is 128%, Price River 143%, and San Rafael 163%.

PRECIPITATION at mountain stations ranged from 28% at Orange Olsen on Cottonwood Creek to 144% of the April average at LaSal Mountain Upper above Moab.

SOIL MOISTURE is still below average at higher elevations.

RESERVOIR STORAGE is generally above average except in Scofield Reservoir. Whether Scofield will fill this season depends on how rapid the melt progresses and how early reservoir water use begins.

STREAMFLOW FORECASTS for the May-July period now range from 109% on Cottonwood Creek to 184% on Mill Creek above Moab. Scofield Inflow is forecast 162% of average, Price River 160%, Huntington Creek 137%, Ferron Creek 145%, and Muddy Creek 126%. Seven Mile Creek near Fish Lake is forecast 115%, Green River 132%, and San Juan 121%.

CARBON, EMERY, WAYNE, GRAND and SAN JUAN COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year	PAST RECORD THOUSAND ACRE FEET Average +
PRICE RIVER					
Gooseberry Crk nr Scofield	15.0	158	May-July	1.6	9.5
Scofield Reservoir Inflow	47	162	May-July	4.2	29
Price nr Heiner[1]	83	160	May-July	- -	52b
SAN RAFAEL RIVER					
Huntington Crk nr Huntington	56	137	May-July	8.3	41
Cottonwood Crk nr Orangeville	47	109	May-July	9.8	43b
Ferron Creek nr Ferron	48	145	May-July	15.4	33
MUDDY CREEK					
Muddy Creek nr Emery	20	126	May-July	2.9	15.8
UPPER COLORADO BASIN					
Colorado nr Cisco, Utah	3868	136	Apr-July	534.6	2835
Green at Green River, Utah	3733	131	Apr-July	882.7	2839
Mill Creek nr Moab	7.0	184	May-July	1.0	3.8
Navajo Reservoir Inflow	650	109	Apr-July	- -	597
San Juan nr Bluff, Utah	1036	121	Apr-July	122.8	853
FREMONT RIVER					
Seven Mile Crk nr Fish Lake	6.4	115	May-July	- -	5.6b

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
PRICE RIVER	7	559	143
SAN RAFAEL RIVER	7	- -	163
FREMONT RIVER	3	- -	128
LASAL MOUNTAINS	2	- -	203
BLUE MOUNTAINS	2	- -	127

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
PRICE RIVER	Scofield	65.8	26.1	30.7	34.4
SAN RAFAEL	Huntington North	3.9	3.8	3.8	3.3
	Joe's Valley	54.6	29.2	32.9	34.3
	Mill Site	16.7	3.8	3.6	- -
SAN JUAN	Navajo	1696.0	1029.0	1092.0	- -

+ - 1958-72 15 Year Average Period
b - Average of all past record - less than 15 years

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average +
Ferron Creek near Ferron	550 - 850	419
Muddy Creek near Emery	140 - 265	157

(a) - Maximum mean daily peak flow

+ 1958-1972 period

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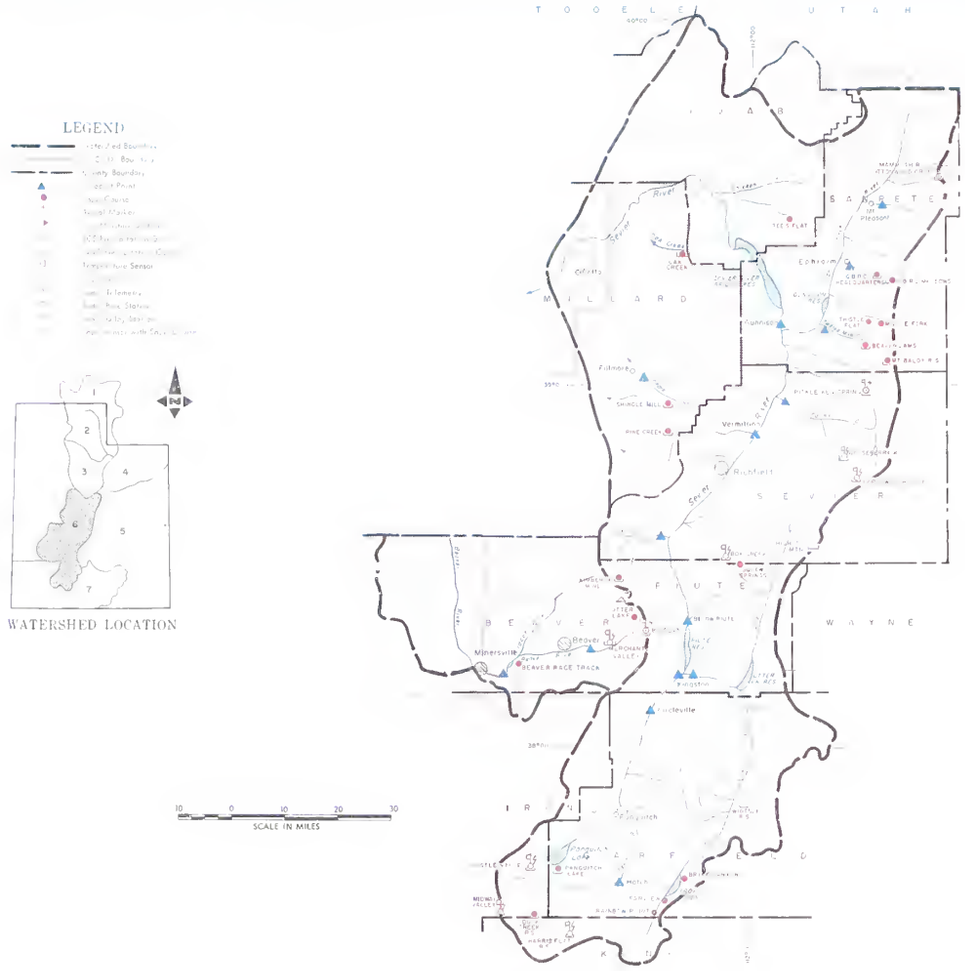
WATER SUPPLY OUTLOOK

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

UNITED STATES DEPARTMENT OF AGRICULTURE-SOIL CONSERVATION SERVICE
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1978

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE FOR NATURAL FLOW USERS AND NEAR AVERAGE FOR MOST RESERVOIR WATER USERS

SNOW COVER ranges from 147% of the May 1 average on the Lower Sevier to 179% on the East Fork. The South Fork Sevier and Beaver River are 174% of average.

PRECIPITATION at mountain stations varied 60% of the April average at Beaver Dams to better than twice average at Duck Creek.

SOIL MOISTURE is still below average at higher elevations.

RESERVOIR STORAGE is below average with Otter Creek 86% of the May 1 average, Piute 55%, Sevier Bridge 91%, and Gunnison 69%. Minersville and Sevier Bridge are not expected to fill this year and Otter, Piute and Gunnison may not if heavy water use begins prior to the peak snowmelt.

STREAMFLOW FORECASTS for the May-July period now range from 125% of average on North Creeks to 281% for the Sevier near Circleville. The Sevier is forecast 167% at Hatch, 233% at Kingston, 132% for East Fork, 195% below Piute and 143% at Gunnison. Clear Creek is forecast 163%, Salina Creek 171%, Ephraim Creek is forecast 159%, and Pleasant Creek 160% of the May-July average. Chalk Creek is forecast 163%, Beaver River 148%, and Minersville Inflow 126% of the May-June average.

M7-OL-22027-6

SEVIER RIVER BASIN including BEAVER RIVER in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average †
SEVIER RIVER					
Sevier at Hatch	55	167	May-July	7.3	33
Sevier nr Circleville	59	281	May-July	- -	21
Sevier nr Kingston	35	233	May-July	1.5	15
Antimony Crk nr Antimony	7.3	130	May-July	- -	5.6
East Fork Sevier nr Kingston[1]	10.8	132	May-July	- -	8.2
Sevier below Piute Dam[1]	43	195	May-July	- -	22
Clear Crk nr Sevier (abv Div)	20.6	163	May-July	3.3	12.6
Inflow					
Kingston to Vermillion Dam	63	126	Apr-June	- -	50
Vermillion Dam to Gunnison	55	141	Mar-June	- -	39
Salina Creek at Salina	12.0	171	May-June	0.08	7.0
Sevier nr Gunnison	40	143	May-July	9.9	28
Chalk Creek nr Fillmore	20.0	163	May-July	- -	12.3
Chicken Creek nr Levan	4.8	209	May-July	- -	2.3
Oak Creek nr Oak City	2.0	286	May-July	- -	0.7
SAN PITCH RIVER					
Ephraim Creek nr Ephraim	21.0	159	May-July	- -	13.2b
Pleasant Crk nr Mt. Pleasant	11.2	160	May-July	- -	7.0
BEAVER RIVER					
Beaver nr Beaver	26	148	May-July	4.1	17.6
North Creek (Combined)	12.9	125	May-July	- -	10.3
Minersville Reservoir Inflow[1]	5.8	126	May-June	- -	4.6

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
UPPER SEVIER RIVER	8	- -	161
East Fork Sevier	3	- -	179
South Fork Sevier	6	- -	174
LOWER SEVIER	8	- -	147
BEAVER RIVER	2	679	174

1 - Observed flow corrected for change in storage and diversions
2 - Provisional flows - Subject to correction

RESERVOIR STORAGE (Thousand Acre Feet)

BASIN OR STREAM	RESERVOIR	Usable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average†
SEVIER RIVER	Gunnison	18.2	9.4	3.2	13.7
	Otter Creek	52.5	32.3	34.1	37.5
	Piute	71.8	24.2	25.1	43.8
	Sevier Bridge	236.0	103.7	113.9	114.1
BEAVER RIVER	Minersville (Rky Fd)	23.3	8.8	9.4	14.0

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) (a) Forecast Range	PEAK FLOW (SECOND FEET) (a) Average †
Sevier River at Hatch	700 - 950	418
Sevier River nr Circleville	600 - 800	304
Sevier River nr Kingston	575 - 690	263
Clear Creek nr Sevier	235 - 280	170
Salina Creek nr Salina	260 - 320	235
Beaver River nr Beaver	350 - 500	212

(a) - Maximum mean daily peak flow

FORECAST DATE of LOW FLOW VALUES

FORECAST POINT	Low Flow Value Second Ft.	Forecast Date Stream Will Recede to Low Flow Value	Average Date of Low Flow Value
Sevier at Hatch (upper)	100	August 15	July 10
Sevier at Circleville	90	July 25	June 24
Clear Creek nr Sevier-above Div.	5	August 7	July 28
Salina Creek at Salina	25	June 15	June 10

PRIMARY WATER RIGHT FORECASTS (PERCENT OF WATER RIGHT DELIVERED)

RIVER SECTION	Percent Forecast For This Year	Average Percent Delivered During 15 year Period†	Forecast Period
SEVIER RIVER			
Panguitch Valley	100	81	April-Sept
Circle Valley	90	65	April-Sept
Sevier Valley	60	38	April-Sept
Below Vermillion Dam	63	55	April-Sept

The flow below Vermillion - Above 360 cfs is expected to be about 4,400 acre feet.

† 1958-1972 period

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WATER SUPPLY OUTLOOK

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

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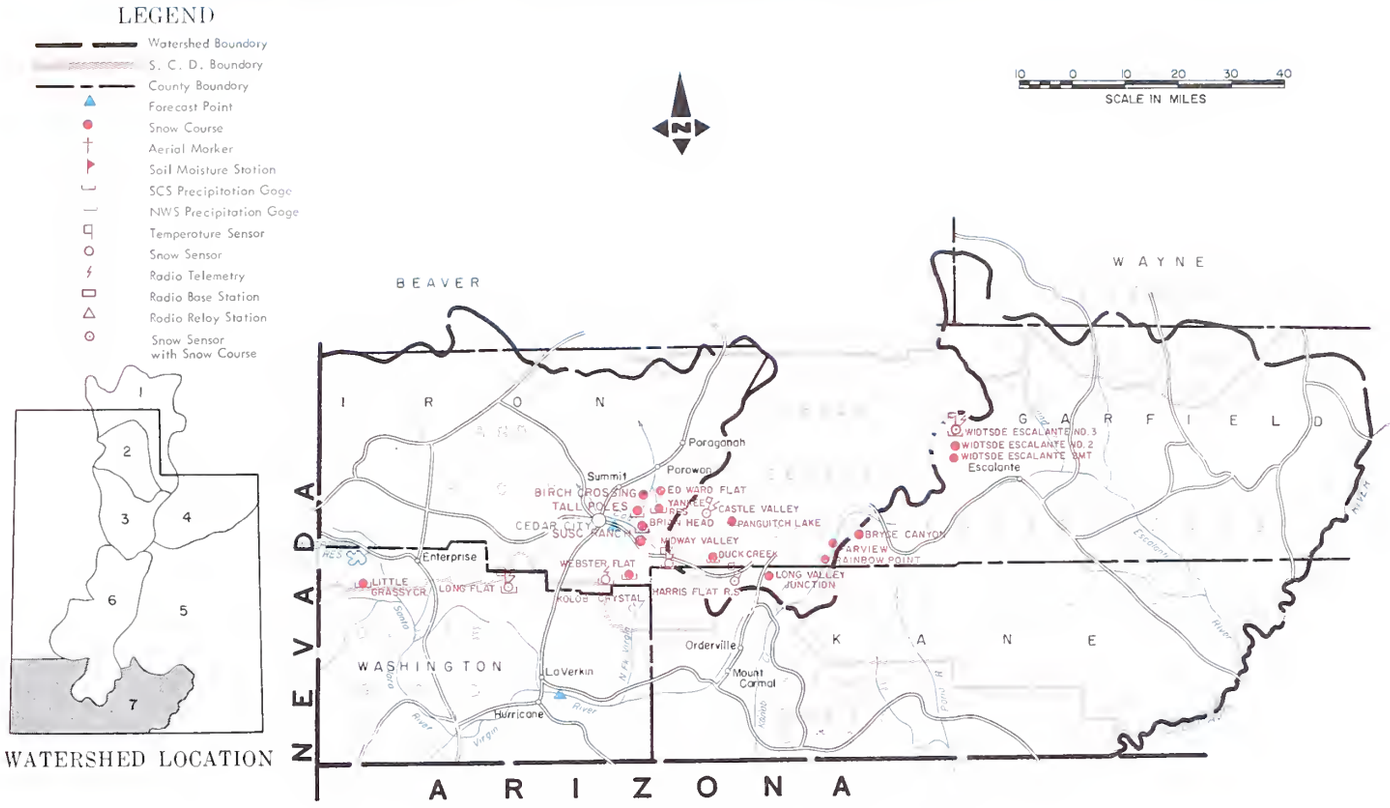
UTAH STATE DEPARTMENT OF NATURAL RESOURCES-DIVISION OF WATER RIGHTS



MAY 1, 1978

THE WATER SUPPLY OUTLOOK IS ABOVE AVERAGE

SNOW COVER ranges from 114% of the May 1 average on Parowan Creek to 271% on the Virgin River. Coal Creek is 216% of average.

PRECIPITATION at mountain stations varied from 61% of the April average at Tall Poles to 253% at Little Grassy.

SOIL MOISTURE is above average.

RESERVOIR STORAGE is above average.

STREAMFLOW FORECASTS range from 181% of average for the May-July period on Coal Creek to 126% of average on Santa Clara River for the May-June period. Virgin River is forecast 164% of the May-June period. Lake Powell Inflow is forecast 132% of the April-July average. Heavy late snow on the Virgin and Coal Creek is expected to melt fast creating higher than average peak flows. Protective measures should be taken along stream channels.

M7-OL-22027-7

EAST GARFIELD, KANE, WASHINGTON and IRON COUNTIES in UTAH

STREAMFLOW FORECASTS

BASIN, STREAM and/or FORECAST POINT	THIS YEAR FORECAST Thousand Acre Feet	THIS YEAR FORECAST Percent of Average	FORECAST PERIOD	PAST RECORD THOUSAND ACRE FEET Last Year 2	PAST RECORD THOUSAND ACRE FEET Average +
VIRGIN RIVER					
Virgin nr Virgin	46	164	May-June	- -	28b
Santa Clara nr Pine Valley	3.4	126	May-June	0.7	2.7b
COAL CREEK					
Coal Creek nr Cedar City	23	181	May-July	2.2	12.7
UPPER COLORADO					
Lake Powell Inflow	9100	132	Apr-July	1130.0	6881

2 - Provisional Flows - Subject to correction

SUMMARY of SNOW MEASUREMENTS (COMPARISON WITH PREVIOUS YEARS)

RIVER BASIN and or SUB-WATERSHED	Number of Courses Averaged	THIS YEAR AS A PERCENT OF Last Year	THIS YEAR AS A PERCENT OF Average
COAL CREEK	2	- -	216
VIRGIN RIVER	4	- -	271
PAROWAN CREEK	4	- -	114

RESERVOIR STORAGE (Thousand Acre Feet) MID-MONTH READING

BASIN OR STREAM	RESERVOIR	Useable Capacity	USEABLE STORAGE This Year	USEABLE STORAGE Last Year	USEABLE STORAGE Average+
COLORADO	Lake Powell	25002.0	14996.0	18127.0	8370.8
	Blue Mesa	829.5	289.5	366.5	- -

b - Average of all past record - less than 15 years
+ - 1958-72 15 Year Average Period

PEAK FLOWS

FORECAST POINT	PEAK FLOW (SECOND FEET) Forecast Range	PEAK FLOW (SECOND FEET) Average (a) +
Coal Creek nr Cedar City	300 - 650	245
Virgin nr Virgin	1400 - 2000	631b

(a) - Maximum mean daily peak flow

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+ 1958-1972 period.

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SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	SNOW: PAST RECORD Water Content (Inches) Last Year	Average +	PRECIPITATION: CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT 1 TO DATE This Year	Average +	Percent of Average
GREAT BASIN											
UPPER BEAR RIVER (Above Harer, Idaho)											
Big Park	4/27	63	27.4	1.8	22.4						
Burts-Miller Ranch	4/26	0	0.0	0.0	1.5	4/26	2.68	2.64a	11.62	11.67a	100
CCC Camp	4/27	21	10.2	0.0	9.7						
Hayden Fork	4/26	37	16.9	4.6	15.8	4/26	4.59	4.24a	27.31	24.72a	110
Kelly R.S.	4/27	55	26.4	0.0	18.4						
Monte Cristo R.S.	4/24	60	28.9	0.0	27.0	4/24	4.44	5.46b	32.99	33.08b	100
Poison Meadows	4/27	92	41.0	6.7	32.6						
Salt River Summit	4/27	41	19.4	1.2	13.9	4/27	2.75	2.45	25.00	19.19	130
Snyder Basin	4/27	41	19.6	0.0	15.2						
Stillwater Camp	4/26	12	4.3	0.0	8.4	4/26	2.73	3.09	16.09	15.10	107
LOWER BEAR RIVER (Below Harer, Idaho)											
Bug Lake	4/24	39	18.2	- -	- -						
Christensen Ranch	4/25	0	0.0	- -	- -						
Cliff Canyon	4/25	0	0.0	- -	- -						
Cub River R.S.	4/25	0	0.0	0.0	1.0						
Daniels Creek	4/25	0	0.0	- -	- -						
Dry Basin	4/25	79	39.6	4.6	29.9a						
Dry Creek Flat	4/25	0	0.0	- -	- -						
Emigrant Summit	4/25	61	30.4	2.1	23.6a						
Emigration Canyon	4/25	0	0.0	- -	- -						
Franklin Basin	4/25	68	33.5	3.0	- -						
Garden City Summit	4/24	36	17.5	0.0	17.6	4/24	3.06	3.64b	26.45a	23.36b	113
Horseshoe Basin	4/25	72	37.0	4.1	29.2a						
Klondike Narrows	4/25	40	19.0	0.0	15.3	4/25	4.06	3.83b	31.83	26.45b	120
Liberty Springs	4/25	118	59.1	11.8	44.6a						
Little Bear (lower)	4/24	0	0.0	0.0	0.6						
Little Bear (upper)	4/24	0	0.0	0.0	4.0						
Lower Elkhorn	4/25	0	0.0	- -	- -						
Oxford Mountain	4/25	0	0.0	- -	- -						
Slug Creek Divide	4/27	29	13.8	- -	- -						
Steep Hollow #1	4/25	100	47.6	9.0	39.5b						
Steep Hollow #2	4/25	64	32.6	0.0	23.3						
Strawberry Creek	4/25	0	0.0	- -	- -						
Strawberry Mink Divide	4/25	43	22.4	- -	- -						
Tony Grove Lake	4/25	96	48.8	0.0	- -						
Tony Grove R.S.	4/25	0	0.0	0.0	2.4	4/25	3.42	3.29a	26.37	21.41a	123
Upper Elkhorn	4/25	0	0.0	- -	- -						
Willow Flat	4/25	10	4.2	0.0	4.0a	4/25	5.08	4.06	37.80	29.65	127
Worm Creek	4/25	29	14.3	0.0	- -						
OGDEN RIVER											
Beaver Creek-Skunk Creek	4/24	9	3.6	0.0	4.7						
Ben Lomond Peak	4/24	110	56.9	0.0	35.4						
Ben Lomond (lower)	4/24	26	13.1	0.0	5.3	4/24	6.93	4.59	44.14	29.32	150
Ben Lomond Trail						4/24	6.95	4.86a	- -	28.98a	- -
Causey Dam						4/24	2.95	2.33a	15.88	16.64a	95
Cutler Creek	4/24	73	36.1	0.0	24.9						
Dry Bread Pond	4/24	43	21.4	0.0	16.8	4/24	4.02	4.39b	- -	25.16b	- -
Sagebrush Flat	4/24	0	0.0	0.0	0.0	4/24	2.90	2.56b	18.29	16.88b	108
WEBER RIVER											
Beaver Creek R.S.	4/28	0	0.0	0.0	1.5						
Chalk Creek #1	4/26	57	24.4	6.6	24.2						
Chalk Creek #2	4/26	26	10.6	2.2	13.5b						
Chalk Creek #3	4/26	0	0.0	0.0	2.2	4/26	4.45	3.47b	18.05	15.59b	116
East Shingle Lake (A)	5/1	84	35.3	2.4	- -						
Farmington Canyon (lower)	4/24	64	29.9	5.9	21.2b	4/24	7.97	5.67	42.00	32.49	129
Farmington Canyon (upper)	4/24	96	44.1	11.4	31.6b						
Farmington G.S.						4/24	9.05	- -	45.68	- -	- -
Horse Ridge	4/24	44	21.6	0.0	22.2b	4/24	4.67	4.44a	31.23	30.66a	102
Killfoil Creek	4/24	22	9.2	0.0	10.9b						
Lost Creek Reservoir	4/24	0	0.0	0.0	- -	4/24	2.56	- -	15.05	- -	- -
Parley's Canyon Summit	4/28	44	20.8	0.0	12.2	4/28	7.29	4.71	34.56	26.73	129
Redden Mine (lower)	4/28	40	17.7	1.5	17.5						
Redden Mine (upper)						4/28	5.18	5.04a	30.93	25.01a	124

+ 1958-1972 period.

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SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	SNOW: PAST RECORD Water Content (inches) Last Year	Average †	PRECIPITATION: CURRENT INFORMATION Date of Reading	Month's Precipitation	Average †	FROM APPROX. OCT 1 TO DATE This Year	Average †	Percent of Average
WEBER RIVER (cont'd)											
Sergeant Lake (A)	5/1	48	20.6	0.0	- -						
Smith & Morehouse	4/26	14	6.5	0.0	7.8b	4/26	4.60	3.94	26.40	22.03	112
PROVO RIVER & UTAH LAKE											
Beaver Creek Divide	4/28	8	4.0	0.0	- -						
Camp Altamont	4/25	33	17.6	0.0	6.1						
Clear Creek Ridge #1	4/25	44	22.8	0.0	16.6						
Clear Creek Ridge #2	4/25	27	13.2	0.0	9.1	4/25	2.20	3.25	22.10	18.55	119
Clear Creek Ridge #3	4/25	0	0.0	0.0	0.2						
Dutchman R.S.	4/25	42	22.0	0.0	8.0	4/25	4.00	3.93	36.90	24.88	148
Hobble Creek Summit	4/25	28	13.5	0.0	6.5	4/25	3.35	3.05	26.25	19.71	133
Packard Canyon	4/25	0	0.0	0.0	0.8						
Payson R.S.	4/25	39	21.5	0.0	12.6	4/25	1.60	3.48	25.10	21.17	119
Rock Bridge	4/25	0	0.0	0.0	3.3						
Soapstone R.S.	4/28	10	4.7	0.0	6.5	4/28	3.87	3.24	22.05	18.93	116
South Fork R.S.	4/25	0	0.0	0.0	0.1b						
Timpanogos Cave Camp	4/25	0	0.0	0.0	- -						
Timpanogos Divide	4/25	69	35.6	0.0	20.0	5/1	5.75	4.07	43.37	28.57	152
Trial Lake	4/28	73	30.4	5.7	25.7	4/28	5.62	4.42	33.97	27.44	124
JORDAN RIVER & GREAT SALT LAKE											
Bevan's Cabin	4/29	0	0.0	0.0	3.4						
Deseret Peak	5/2	76	36.7	0.0	- -						
Lamb's Canyon #2	4/28	26	11.5	0.0	- -	4/28	6.48	- -	27.72	- -	- -
Middle Canyon	4/29	11	4.9	0.0	7.6	4/29	6.00	4.16b	- -	20.81b	- -
Mill Creek	5/1	52	23.2	7.0	- -						
Mill D South Fork	4/27	35	16.8	0.0	14.4						
Mt. Dell Dam						5/1	5.42	2.90	20.37	16.25	125
Rocky Basin-Settlement Canyon	5/2	82	38.2	7.2	26.9	5/2	6.97	5.25a	35.63	31.60a	113
Silver Lake (Brighton)	4/27	70	36.5	0.1	26.9	DATA	DELAYED	5.06		32.75	
Snow Bird (Gad Valley)	4/29	112	51.8	9.6	- -						
Vernon Creek	4/30	14	6.5	0.0	2.3a	4/30	5.70	- -	32.70	- -	- -
UPPER SEVIER RIVER (South of Richfield, Utah)											
Box Creek	4/28	28	13.6	0.0	11.1	4/28	2.45	2.71	20.03	16.41	122
Bryce Canyon	5/1	0	0.0	0.0	- -						
Castle Valley	4/28	18	8.5	0.0	5.7	4/28	4.30	2.97	21.40	17.52	122
Duck Creek R.S.	4/28	36	18.6	0.0	6.1	4/28	6.86e	3.12	32.16a	20.37	182
Farview		NOT MEASURED		0.0	- -						
Harris Flat	4/28	6	2.4	0.0	1.4						
Kimberly Mine	4/28	37	17.4	0.5	13.8	4/28	4.00	3.69b	25.95	21.01b	124
Midway Valley	4/28	76	36.2	0.0	20.9	4/28	6.70	- -	32.50	- -	- -
Panguitch Lake	4/28	1	0.4	0.0	0.2	5/2	3.40	1.22	13.40	8.41	159
Rainbow Point		NOT MEASURED		0.0	- -						
Squaw Springs	4/28	7	3.3	0.0	3.3						
Widtsoe R.S. 3NNE						DATA	DELAYED	- -	- -		
LOWER SEVIER RIVER (Including San Pitch River)											
Beaver Dams	4/27	20	8.7	0.0	6.5	4/27	1.70	2.81	22.67	16.08	141
Farnsworth Lake	4/28	53	24.0	8.8	20.4	4/28	2.80	4.33	23.80	23.43	102
G.B.R.C. Headquarters	4/27	41	20.3	0.0	15.4	4/27	2.70	4.00	26.90	21.60	124
G.B.R.C. Majors						5/1	2.52	2.20	15.62	12.00	130
G.B.R.C. Meadows	4/27	77	35.6	6.5	24.6	4/27		4.80		27.20	
G.B.R.C. Oaks						5/1	3.07	2.80	18.72	14.60	128
Gooseberry R.S.	4/28	17	9.0	0.0	8.1	4/28	2.30	3.07b	20.25	16.02b	126
Mammoth-Cottonwood Creek	4/26	60	30.3	0.0	18.2b	4/26	3.80	3.55b	33.53	22.19b	151
Middle Fork	4/27	81	31.4	12.8	- -						
Mt. Baldy R.S.		NOT MEASURED		3.2	24.2			3.56b		20.84b	
Mt. Terril cabin (A)	4/27	69	30.4	- -	- -						
Oak Creek		NOT MEASURED		0.0	0 0			2.69a		17.33a	
Pickle Keg Springs	4/26	43	22.2	0.0	14.4b						
Pine Creek	4/28	50	24.4	0.0	10.8	4/28	5.50	5.28	40.54	27.70	146
Ree's Flat	4/27	24	11.4	0.0	- -	4/27	3.00	- -	22.75	- -	- -
Shingle Mill		DATA DELAYED		0.0	1.9b			3.56b		17.27b	
Thistle Flat	4/27	42	19.8	1.4	- -						

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† 1958-1972 period.

SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	SNOW: THIS YEAR Date of Survey	Snow Depth (Inches)	Water Content (Inches)	SNOW: PAST RECORD Water Content (inches) Last Year	Average +	PRECIPITATION: CURRENT INFORMATION Date of Reading	Month's Precipitation	Average +	FROM APPROX. OCT 1 TO DATE This Year	Average +	Percent of Average
BEAVER RIVER											
Beaver Race Track	5/1	0	0.0	0.0	- -						
Beaver Canyon Power House		DATA DELAYED									
Big Flat	4/28	76	30.2	5.6	18.6	4/28	3.10	3.34b	30.38	19.73b	154
Merchant's Valley (Upper)	4/28	29	13.2	0.0	- -	4/28	3.15	3.18a	28.35	17.01a	167
Otter Lake	4/28	52	24.8	2.5	13.0						
PAROWAN CREEK											
Birch Crossing	4/25	0	0.0	0.0	1.1b						
Brian Head	4/25	65	29.2	1.9	22.6a						
Tall Poles	4/25	31	14.8	0.0	12.5b	4/25	2.55	4.21a	22.25	22.10a	101
Yankee Reservoir	4/28	10	3.6	0.0	5.7	4/28	3.70	2.55	18.20	14.34	127
ENTERPRISE TO NEW HARMONY DRAINAGES											
Little Grassy Creek	4/25	0	0.0	0.0	0.0	4/25	4.30	1.70b	25.05	14.73b	170
Long Flat	4/28	0	0.0	0.0	0.4b	4/28	3.20	2.06b	18.80	13.01b	144
COAL CREEK											
Cedar City Golf Course	5/1	0	0.0	0.0	- -						
SUSC Ranch	4/25	7	3.8	0.0	- -						
COLORADO RIVER DRAINAGE											
UPPER GREEN RIVER - UTAH											
Ashley-Twin Lakes (A)	5/1	56	20.2	1.2	- -						
Black's Fork G.S.-East Fork	4/26	26	9.8	2.5	9.8b	4/26	2.52	3.24b	16.33	15.11b	108
Black's Fork Junction	4/26	16	6.4	1.2	8.2b	4/26	2.56	2.94b	15.38a	14.47b	106
Buck Pasture (A)	5/1	48	18.2	2.4	- -						
Burnt Creek	4/27	5	0.6	0.0	- -	4/27	3.03	3.06b	10.73	12.07b	89
Dutch John Junction		NOT MEASURED		- -	- -						
Grizzly Ridge	4/27	25	8.1	0.0	- -	4/27	3.92	3.25b	16.72	16.69b	100
Henry's Fork (A)	5/1	43	16.3	3.2	- -						
Hewinta G.S.	4/26	22	8.3	2.9	10.2b	4/26	2.56	3.39b	16.81	15.89b	106
Hickerson Park	4/28	16	3.9	2.2	5.2b	4/28	2.40	3.71a	9.96	12.00a	83
Highline Trail		NOT MEASURED		6.9							
King's Cabin (lower)	4/26	12	4.9	0.0	6.1						
King's Cabin (upper)	4/26	25	10.2	0.0	9.4	4/26	2.52	2.95	15.12	14.21	106
Reynolds Park (A)	5/1	56	17.0	0.8	- -						
Spirit Lake	4/28	39	12.1	5.5	15.4b	4/28	3.72	4.54b	15.99	18.70b	86
Steel Creek Park	4/26	57	18.5	8.9	18.9b						
Trout Creek	4/26	26	9.4	0.0	- -	4/26	2.55	- -	13.42	- -	- -
Windy Park (A)	5/1	36	13.0	0.0	- -						
DUCHESNE RIVER											
Atwood Lake (A)	5/1	45	15.3	1.6	- -						
Brown Duck Ridge	4/28	68	23.6	4.6	- -	4/28	3.75	- -	21.73	- -	- -
Chepeta-Whiterocks (A)	5/1	47	15.5	1.2	- -						
Currant Creek	4/25	7	3.4	0.0	1.6b	4/25	2.40	2.28b	19.38	15.90b	122
Daniels-Strawberry Summit	4/25	31	16.2	0.0	7.9	4/25	3.25	2.92	29.18	20.53	142
East Portal	5/1	14	5.5	0.0	- -	5/1	4.38	3.19b	27.08	21.36b	127
Five Points Lake (A)	5/1	60	19.8	1.2	- -						
Indian Canyon	4/25	33	15.0	0.0	10.2b	4/25	1.80	2.38b	20.11	15.66b	128
Jackson Park	4/28	46	15.8	2.2	- -	4/28	3.07	- -	18.40	- -	- -
Lakefork Basin (A)	5/1	74	24.4	2.4	- -						
Lakefork Mountain	4/28	37	12.3	0.0	11.9	4/28	3.24	2.99	18.00	15.23	118
Lakefork Mountain #3	4/28	1	0.2	0.0	1.2						
Lightning Lake (A)	5/1	75e	24.8e	4.8	- -						
Mosby Mountain	4/28	39	13.0	0.0	9.6	4/28	3.49	2.43	18.37	13.26a	138
Paradise Park	4/28	49	16.2	0.0	13.6	4/28	4.00	3.17	19.12	18.06	106
Rock Creek	4/28	0	0.0	0.0	0.6b	4/28	2.91	2.27	16.23	13.20	123
Strawberry Divide	5/1	48	20.1	0.0	- -						
PRICE RIVER											
Dry Valley Divide	4/25	4	1.8	0.0	3.8						
Gooseberry Reservoir	4/26	50	27.0	0.0	17.0	4/26	3.90	3.40	33.54	21.58	155
Jones Ranch	4/26	0	0.0	0.0	0.1b						
Mud Creek	4/26	25	12.7	0.0	7.7	4/26	2.20	2.70	21.60	16.90	128

+ 1958-1972 period

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SNOW

PRECIPITATION (Inches)

DRAINAGE BASIN and/or SNOW COURSE NAME	THIS YEAR			PAST RECORD		PRECIPITATION (Inches) CURRENT INFORMATION			FROM APPROX. OCT 1 TO DATE		
	Date of Survey	Snow Depth (Inches)	Water Content (Inches)	Water Content (inches) Last Year	Water Content (inches) Average +	Date of Reading	Month's Precipitation	Average +	This Year	Average +	Percent of Average
PRICE RIVER (cont'd)											
White River #1	4/25	28	14.4	0.0	9.1	4/25	1.60	2.61	19.90	15.88	125
White River #2	4/25	0	0.0	0.0	1.1						
White River #3	4/25	0	0.0	0.0	0.3						
SAN RAFAEL RIVER											
Buck Flat	4/26	54	26.4	0.0	15.4	4/26	2.40	2.98	28.05	20.28	138
Huntington-Horseshoe	4/26	84	39.3	5.1	- -						
Orange Olsen	4/26	0	0.0	0.0	- -	4/26	.30	1.08a	11.65	10.06a	116
Red Pine Ridge	4/26	41	21.1	0.0	14.6	4/26	2.30	3.50	29.28	23.81	123
Rush Pond	4/26	41	20.8	0.0	10.7						
Seeley Creek R.S.	4/27	55	24.8	1.4	17.2	4/27	3.90	- -	- -	- -	- -
Stuart R.S.	4/26	2	1.8	0.0	1.4	4/26	1.25	2.16	18.30	14.32	128
Upper Joe's Valley	4/26	19	9.5	0.0	5.5b						
Wrigley Creek	4/26	30	13.5	0.0	7.6						
MUDDY RIVER											
Black's Fork	4/26	41	21.3	0.0	- -						
Dill's Camp	4/26	39	20.1	0.0	- -	4/26	2.00	- -	25.03	- -	- -
FREMONT RIVER											
Black's Flat-U.M. Creek	4/28	25	11.4	0.0	7.8	4/28	1.50	2.32	18.78	14.47	130
Fish Lake	4/28	0	0.0	0.0	3.2	4/28	1.00	1.86	15.50	11.00	141
Johnson Valley	4/28	13	6.2	0.0	2.8						
SOUTHEASTERN UTAH DRAINAGES											
Buckboard Flat	4/28	11	4.6	0.0	5.8	4/28	1.80	2.51	17.52	20.53	85
Camp Jackson	4/28	18	8.5	0.0	4.5b	4/28	2.01	2.13b	23.76	18.05b	132
LaSal Mountain (lower)	4/29	14	6.1	0.0	3.1b						
LaSal Mountain (upper)	4/29	52	23.9	0.0	11.7b	4/29	3.72	2.59b	26.02	18.26b	142
Monticello City Park	5/1	0	0.0	0.0	- -						
ESCALANTE RIVER											
Widtsoe-Escalante Summit		NOT MEASURED		0.0	2.8						
Widtsoe-Escalante #2		NOT MEASURED		0.0	6.1						
Widtsoe-Escalante #3	4/28	28	12.8	0.0	7.8b	4/28	2.20	2.84	18.88	15.44	122
VIRGIN RIVER											
Kolob-Crystal	4/28	72	37.0	0.0	- -						
Long Valley Junction	5/2	0	0.0	0.0	0.1b						
Webster Flat	4/28	54	33.6	0.0	11.4	4/28	3.40	3.81	36.20	23.08	157

a - Partly Estimated
b - Average of all past record - less than 15 years
+ - 1958-72 15 year average period
(A) - Aerial Marker Reading, Measured Cooperatively with Dept. of Wildlife Resources
e - estimated

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+ 1958-1972 period.

SNOW COURSES AND RELATED DATA MEASURING SITES

UTAH

1978

SCALE 1 1,500,000

ALBERS EQUAL AREA PROJECTION

USGS National Atlas 1:1,000,000 Albers Equal-Area projection (1967) used as source for base map and adapted for SCS use.

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INDEX TO UTAH, BEAR & UPPER COLORADO RIVER BASINS

GREAT BASIN DRAINAGE

NO.	STATE	NAME	SEC	TWP.	RGE	ELEV
		UPPER BEAR RIVER (above Harer, Idaho)				
10G11	W	Big Park	7	27N	117W	8,700
10J6P	U	Burts-Miller Ranch	19	3N	10E	7,900
10G7	W	CCC Camp x	9	29N	118W	7,500
10J36p	U	Gold Hill	11	1N	9E	10,000
10J7PST	U	Hayden Fork	25	1N	9E	9,400
10G12	W	Kelly Ranger Station	13	26N	118W	8,200
10G17S	W	LaBarge Guard Station x	7	30N	116W	9,000
10J35p	U	Lily Lake	34	2N	10E	9,300
11H12PST	U	Monte Cristo R.S.	4	8N	4E	8,960
10G10	W	Piney LaBarge x	19	29N	114W	8,820
10G6	W	Poison Meadows x	29	30N	116W	8,500
10G8P	W	Salt River Summit x	32	29N	118W	7,900
10G13MP	W	Snyder Basin x	15	29N	115W	8,400
10J17P	U	Stillwater Camp	32	2N	10E	8,550
		LOWER BEAR RIVER (below Harer, Idaho)				
11H37pST	U	Bug Lake	18	11N	5E	7,950
11H36p	U	Bunchgrass	5	13N	3E	8,400
11G11	I	Christensen Ranch	27	13S	41E	5,600
11H38p	U	Cinnamon Creek	5	8N	3E	7,300
12H1p	U	Clarkston Mountain	29	14N	2W	6,300
11G12	I	Cub River Ranger Station	5	15S	41E	5,400
11G14a	I	Dry Basin	30	13S	42E	7,900
12G4	I	Dry Creek Flat	31	13S	37E	6,350
11G6	I	Emigrant Summit	21	12S	42E	7,350
11G7	I	Emigration Canyon (mouth)	24	12S	42E	6,500
11G8MPST	I	Franklin Basin	1	16S	41E	8,000
11H7MP	U	Garden City Summit	34 & 35	14N	4E	7,600
13H4PST	U	George Peak	4	13N	4W	9,000
11H40p	U	Herd Hollow	4	11N	3E	7,000
11G15a	I	Horseshoe Basin	31	13S	42E	8,000
11H1MP	U	Klondike Narrows	10	14N	3E	7,400
11G13	I	Liberty Springs	7	13S	42E	8,240
11H26	U	Little Bear (lower)	15	8N	1E	6,000
11H25PST	U	Little Bear (upper)	22	8N	1E	6,550
12G3	I	Oxford Mountain	32	13S	37E	6,800
11G5	I	Slug Creek Divide	15	10S	44E	7,225
11H27	U	Steep Hollow #1	7	14N	3E	8,500
11H28	U	Steep Hollow #2	9	14N	3E	7,700
11G9	I	Strawberry Creek	9	13S	41E	5,800
11G10	I	Strawberry Mink Divide	14	13S	41E	6,800
11H2PST	U	Tony Grove Lake	5	13N	3E	7,400
11H3MP	U	Tony Grove Ranger Station	11	13N	3E	6,250
11G4P	I	Willow Flat	2	15S	41E	6,100
		OGDEN RIVER				
11H14M	U	Beaver Creek-Skunk Creek	22	8N	3E	7,150
11H8PST	U	Ben Lomond Peak	3	7N	1W	8,000
11H9PST	U	Ben Lomond (lower)	1	7N	1W	6,000
11H35p	U	Causey Dam	34	7N	3E	5,500
11H29	U	Cutler Creek	3	7N	1W	6,780
11H13MPST	U	Dry Bread Pond	19	8N	4E	8,230
11H34p	U	Guilder's Peak	21	6N	4E	8,050
11H45p	U	Middle Fork Ogden	16	7N	2E	8,420
11H49	U	Powder Mountain Hideaway	6	7N	2E	8,250
11H48	U	Powder Mountain Sundown	1	7N	1E	8,400
11H15P	U	Sagebrush Flat	21	7N	3E	6,300
		WEBER RIVER				
11J24	U	Beaver Creek R.S.	28	2S	7E	7,500
11J1PST	U	Chalk Creek #1	4	1N	8E	9,100
11J2MPST	U	Chalk Creek #2	29	2N	8E	8,200
11J3MP	U	Chalk Creek #3	7	2N	8E	7,500
11J12P	U	Farmington Canyon (lower)	14	3N	1E	6,950
11J11PST	U	Farmington Canyon (upper)	26	3N	1E	8,000
11H44p	U	Francis Conyon	29	5N	6E	7,400
11J45a	U	East Shingle Lake	6	3N	10W	9,800
11J37p	U	Hardscrabble	16	2N	2E	6,500
11H21PST	U	Horse Ridge	1	6N	4E	8,260
11H31P	U	Kilfoil Creek	20	6N	5E	7,300
11H32P	U	Lost Creek	27	6N	5E	6,125
11J43	U	Park City Summit	20	2S	4E	9,300
11J15PST	U	Parley's Canyon Summit	5	1S	3E	7,500
11H50	U	Pine Canyon	6	5N	4E	8,000
11J38p	U	Porcupine	22	3N	7E	8,100
11J6	U	Redden Mine (lower)	1	2S	6E	8,500
11J5P	U	Redden Mine (upper)	1	2S	6E	9,000
11J39p	U	Sergeant Lakes	17	1N	5E	8,400
11J40p	U	Shingle Mill Flat	15	1S	7E	9,900
11J4PST	U	Smith & Morehouse	25	1N	7E	7,600
		PROVO RIVER & UTAH LAKE				
11J46PST	U	Beaver Creek Divide	25	2S	7E	8,000
11J20	U	Camp Altamont	29	4S	3E	7,300
11K21PST	U	Clear Creek Ridge #1	18	11S	6E	9,200
11K22PST	U	Clear Creek Ridge #2	9	11S	6E	8,000
11K23	U	Clear Creek Ridge #3	27	10S	6E	6,600
11J17P	U	Dutchman R.S.	27	3S	3E	7,560
11J22P	U	Hobble Creek Summit	27	7S	5E	7,420
11J36P	U	Lake Creek	36	4S	6E	9,100
11J31	U	Packard Canyon	21	7S	5E	6,400
11K1P	U	Payson R.S.	30	10S	3E	8,050
11K2	U	Rock Bridge	14	10S	2E	6,750
11J25P	U	Soapstone R.S.	9	3S	8E	7,800
11J19	U	South Fork R.S.	24	4S	2E	6,100
11J18P	U	Timpanogos Cove Camp	27	4S	2E	5,500
11J21PST	U	Timpanogos Divide	33	4S	3E	8,140
10J8PST	U	Trial Lake	5	2S	9E	9,800
		JORDAN RIVER & GREAT SALT LAKE				
12J2	U	Bevan's Cabin	24	4S	4W	6,450
12J5p	U	Deseret Peak	15	4S	7W	9,250
11J41P	U	Lamb's Canyon #2	21	1S	3E	7,400
12J3P	U	Middle Canyon	8	4S	3W	7,000
11J44	U	Mill Creek	32	1S	3E	6,500
11J10	U	Mill D South Fork	18	2S	3E	7,400
12J1P	U	Rocky Basin-Settlement Canyon	30	4S	3W	8,900
11J16P	U	Silver Lake (Brighton)	35	2S	3E	8,725
11J42	U	Snow Bird (Gad Valley)	18	3S	3E	10,000
12K1PST	U	Vernon Creek	21	10S	5W	7,500
		UPPER SEVIER RIVER (South of Richfield, Utah)				
12L4PST	U	Box Creek	33	26S	2W	9,800
12M8	U	Bryce Canyon	36	36S	4W	8,000
12M13PST	U	Castle Valley	23	36S	8W	9,700
12M4P	U	Duck Creek R.S.	11	38S	8W	8,700
12M18	U	Farview	32	37S	4W	8,200
12M5PST	U	Harris Flat	24	38S	7W	7,700
11L9p	U	High-Top Mountain	36	25S	1E	11,400
12L6P	U	Kimberly Mine	11	27S	5W	9,300
12M2MPST	U	Midway Valley	26	37S	9W	9,800
12M7P	U	Ponguitch Lake	4 & 5	36S	7W	8,200
12M19	U	Rainbow Point	29	38S	4W	9,100
12L5	U	Squow Springs	3	27S	2W	9,300
11M4p	U	Widtsoe R.S.	22	34S	2W	7,600
		LOWER SEVIER RIVER (Including San Pitch River)				
11K13P	U	Beaver Dam	27	19S	3E	8,000
11L1PST	U	Farnsworth Lake	27 & 33	23S	2E	9,900
11K11P	U	G.B.R.C. Headquarters	21	17S	4E	8,700
11K10P	U	G.B.R.C. Meadows	26 & 27	17S	4E	10,000
11L2PST	U	Gooseberry R.S.	22	23S	2E	8,400
11K3MPST	U	Mammoth R.S.-Cottonwood Creek	13	13S	5E	8,800
11K34	U	Middle Fork	16	18S	4E	9,600
11K12P	U	Mt. Baldy R.S.	19	19S	4E	9,500
12K2P	U	Oak Creek	9	17S	3W	7,760
11K39PST	U	Pickle Keg Springs	4	21S	3E	9,600
12L1PS	U	Pine Creek	24	22S	4W	8,700
11K36	U	Rees's Flat	20	15S	2E	7,300
12L11P	U	Shingle Mill	5	22S	3W	6,200
11K3S	U	Thistle Flat	23	18S	3E	8,500
		BEAVER RIVER				
12L13	U	Beaver Race Track	23	29S	7W	6,020
12L7PST	U	Big Flat	18	29S	4W	10,290
12L9PST	U	Merchant's Valley (upper)	8 & 9	29S	5W	8,200
12L8	U	Otter Lake	1	29S	5W	9,300
		PAROWAN CREEK				
12M16	U	Birch Crossing	23	35S	9W	8,100
12M14	U	Brian Head	10	36S	9W	10,000
12M12	U	Ed Ward Flat	17	35S	9W	8,300
12M15P	U	Tall Poles	26 & 35	35S	9W	8,800
12M11P	U	Yankee Reservoir	20	35S	8W	8,700
		ENTERPRISE TO NEW HARMONY DRAINAGES				
13M4MP	U	Little Grassy Creek	15	38S	17W	6,100
13M2MPST	U	Long Flat	2	38S	14W	8,000
		COAL CREEK				
12M20	U	Cedar City Golf Course	11	36S	11W	5,800
12M17	U	SUSC Ranch	18	37S	9W	8,200

COLORADO RIVER DRAINAGE

NO.	STATE	NAME	SEC	TWP	RGE	ELEV
		UPPER GREEN RIVER IN UTAH (above Duchesne River)				
9J11aP	U	Ashley Twin Lakes	20	1S	19E	10,500
10J21P	U	Black's Fork G.S.-East Fork	25	2N	12E	9,300
10J22P	U	Black's Fork Junction	33	3N	12E	8,925
10J23a	U	Buck Posture	14	1N	11E	9,700
9J14P	U	Burnt Creek	4	1N	20E	7,900
9J13P	U	Grizzly Ridge	8	1S	22E	8,500
10J24ap	U	Henry's Fork	29	2N	14E	10,000
10J4P	U	Hewinto G.S.	33	3N	13E	9,500
9J8P	U	Hickerson Park	24	2N	17E	9,100
9J15p	U	Highline Trail	23	1N	19E	10,250
10J1	U	Hole-in-the-Rock	13	2N	15E	9,150
10J3	U	Hole-in-the-Rock G.S.	32	3N	16E	8,300
9J2	U	King's Cabin (lower)	23 & 26	1S	21E	8,600
9J1PST	U	King's Cabin (upper)	22	1S	21E	8,730
10J37p	U	McCoy Park	6	1N	17E	10,680
10J2	U	Middle Beaver Creek	31	3N	16E	8,550
9J10aP	U	Reynolds Park	9	1S	18E	10,400
9J7P	U	Spirit Lake	10	1N	17E	10,300
10J20PST	U	Steel Creek Park	17	2N	13E	9,900
9J16PST	U	Trout Creek	9	1S	20E	9,200
9J12ap	U	Windy Park	1	1S	20E	9,400
		DUCHESNE RIVER				
10J41ap	U	Atwood Lake	13	4N	4W	10,500
10J30PST	U	Brown Duck Ridge	8	2N	6W	10,800
9J9ap	U	Chepeta-Whiterocks Lakes	3	1S	17E	10,300
11J32MPST	U	Current Creek	31	1S	10W	7,800
11J23MPST	U	Daniels-Strawberry Summit	20	2S	12W	8,000
11J7P	U	East Portal	36	7S	6E	7,560
10J26ap	U	Five Point Lake	28	4N	5W	11,000
10K1PST	U	Indian Canyon	2	11S	10E	9,100
10J19P	U	Jackson Park	23	3N	4W	11,300
10J34p	U	Kidney Lake	28	5N	3W	11,000
10J39P	U	Lake Basin	23	3S	8W	10,800
10J25ap	U	Lakefork Basin	13	4N	7W	11,100
10J10PST	U	Lakefork Mountain	2 & 3	2N	5W	10,200
10J11	U	Lakefork Mountain #2	17	2N	4W	8,900
10J12	U	Lakefork Mountain #3	29	2N	4W	8,100
10J29ap	U	Lightning Lake	24	4N	8W	10,950
9J5PST	U	Mosby Mountain	27	2S	18E	9,500
9J3P	U	Paradise Park	7	3N	1E	10,100
10J18P	U	Rock Creek	21	2N	7W	7,900
10J32p	U	Shadow Lake	28	3N	8W	10,150
11J8PST	U	Strawberry Divide	34 & 35	7S	6E	8,000
11J35P	U	West Fork of the Duchesne	22	1N	19E	10,250
		PRICE RIVER				
10K5M	U	Corral	32	13S	14E	8,200
11K8	U	Dry Valley Divide	20	12S	8E	7,800
10K3M	U	Grassy Trail Creek-Left Fork	2	14S	13E	7,970
11K7	U	Jones Ranch	32	12S	7E	7,600
11K33MP	U	Mud Creek	4	14S	7E	8,300
10K6	U	Timberline	28	13S	13E	9,100
10K2MPST	U	White River #1	11	10S	8E	8,550
11K24	U	White River #2	9	10S	8E	7,600
11K25	U	White River #3	30	10S	8E	7,400
		SAN RAFAEL RIVER				
11K31PST	U	Buck Flat	23	19S	4E	9,400
11K4P	U	Gooseberry Reservoir	25	13S	5E	8,700
11K5	U	Huntington-Horseshoe	12	14S	5E	9,800
11K40P	U	Orange Olsen	31	17S	6E	7,300
11K28PST	U	Red Pine Ridge	5	16S	6E	9,400
11K38	U	Rush Pond	24	19S	4E	9,800
11K9PST	U	Seeley Creek	25	17S	4E	10,000
11K27P	U	Stuart R.S.	8 & 9	15S	7E	7,950
11K29	U	Upper Joe's Valley	21	16S	6E	8,900
11K32	U	Wrigley Creek	27	19S	5E	9,000
		MUDDY RIVER				
11K14	U	Black's Fork	34	20S	4E	9,200
11K15PST	U	Dill's Camp	27	20S	4E	9,200
		FREMONT RIVER				
11L4P	U	Black's Flat-U.M. Creek	33	24S	3E	9,250
11L5	U	Donkey Reservoir	9	30S	4E	9,800
11L3P	U	Fish Lake	35	26S	1E	8,700
11L6	U	Johnson Valley	24	25S	2E	8,850
		SOUTHEASTERN UTAH DRAINAGES				
9M1P	U	Buckboard Flat	36	33S	22E	9,000
9M2P	U	Camp Jackson	22	34S	22E	8,600
9L1	U	LaSal Mountain	5	27S	24E	8,800
9L2P	U	LaSal Mountain (upper)	3	27S	24E	9,400
9M3	U	Monticello Park	25	33S	23E	7,050
		ESCALANTE RIVER				
11M1	U	Widtsoe-Escalante Summit	22	34S	1W	9,500
11M2PST	U	Widtsoe-Escalante #2	22	34S	1W	9,500
11M3PST	U	Widtsoe-Escalante #3	22	34S	1W	9,500
		VIRGIN RIVER				
13M5PST	U	Kolob-Crystal	2	38S	11W	9,250
12M6	U	Long Valley Junction	22	38S	6W	7,500
12M3MPST	U	Webster Flat	20	37S	9W	9,200
		RAFT RIVER				
13H2a	U	Clear Creek Meadows	26	14N	14W	9,050
13H4P	U	George Peak	4	13N	4W	9,000
13H1	U	One Mile Summit	19	14N	14W	7,330
13H3a	U	ViPont	17	14N	17W	7,670

LEGEND
Numbering System (example)

10J7 Snow Course Only.
10J7P Snow Course and Precipitation Gage
10J7M Snow Course and Soil Moisture Station.
10J7A Snow Course and Aerial Marker.
10J7MA Snow Course, Soil Moisture Station and Aerial Marker
10J7MP Snow Course, Soil Moisture Station and Precipitation Gage
10J7a Aerial Marker Only.
10J7s Storage Precipitation Gage Only.
10J7PS Snow Course, Precipitation Gage, Snow Pillow and Temperature
10J7PST Snotel Data Site.

Agencies Cooperating in Utah Snow Surveys

U.S. GOVERNMENT AGENCIES

U.S. Department of Agriculture
- Soil Conservation Service
- Forest Service

U.S. Department of Commerce
- NOAA, National Weather Service

U.S. Department of Interior
- Bureau of Reclamation
- Geological Survey
- National Park Service

STATE AGENCIES

Utah State University

Utah Fish and Game Department

Utah State Department of Natural Resources, Division of Water Rights
- Bear River Commissioner
- Price River Commissioner
- Provo River Commissioner
- Sevier River Commissioners
- Spanish Fork River Commissioner
- Utah Lake and Jordan River Commissioner

MUNICIPALITIES

Manti

Salt Lake City

ORGANIZED PUBLIC AGENCIES

Beaver River Water Users Association

Board of Canal Presidents - Jordan River

Emery Canal and Reservoir Company

Moon Lake Water Users Association

Ogden River Water Users Association

Provo River Water Users Association

Strawberry Water Users Association

Sevier River Water Users Association

PRIVATE AGENCIES

Kaiser Steel Corporation

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